

Title (en)
A TRACER CONTROL SYSTEM

Publication
EP 0026630 B1 19840321 (EN)

Application
EP 80303335 A 19800924

Priority
JP 12502179 A 19790928

Abstract (en)
[origin: JPS5652159A] PURPOSE:To perform highly precise contour with a memory having a small capacity, by renewing the contents in a memory, when a new abrupt change point is detected adjacent an abrupt change point of a model form along a contour path, to be the position as an abrupt change point. CONSTITUTION:When the form of a model MDL is changed abruptly, a synthetic displacement signal epsilon becomes large whose magnitude above a preset magnitude is detected in a comparator circuit COMP2, and a abrupt change signal MV is added to a data input apparatus DI. If the contour is on an X-Z surface and when the MV is obtained, since the contents of reversible counters CUNTX, CUNTZ will indicate the position of the abrupt change, by control of a processor CPU the contents of the CUNTX and CUNTZ are written in the memory MEM. With regard to one onward stroke wherein the memorized contour return point and the contents of the CUNTX and CUNTZ become equal, the detection of the abrupt change point and the writing into the MEM are carried out.

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G05B 19/18; **B23Q 35/12**

IPC 8 full level
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Cited by
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EP 0026630 A1 19810408; **EP 0026630 B1 19840321**; DE 3067168 D1 19840426; JP S5652159 A 19810511; JP S6023939 B2 19850610; US 4357664 A 19821102

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